

Appl. No. 09/766,774
Amdt. dated February 24, 2004
Reply to Office Action of September 12, 2003

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

Claim 1 (currently amended): A pin kit with a plurality of pins for an apparatus for forming a plurality of V-shaped grooves at a desired interval on a light guide panel, the pin kit comprising:

a buffer plate having an elastic member fixed in a groove located in the lower side of the buffer plate;

a guide plate having insertion holes for receiving a plurality of pins, the insertion holes being positioned to permit contact between said plurality of pins and the elastic member;

a fixation member affixed to a lift piece and having an insertion groove formed at the bottom thereof, so that the buffer plate and the guide plate can be disposed in the insertion groove; and

a plurality of height control bolts in screw engagement for adjusting an angular orientation of the buffer plate in accordance with a lateral direction of the fixation member.

wherein the plurality of pins are inserted into the insertion holes on the guide plate for forming V-shaped grooves in the light guide panel.

Claim 2 (previously presented): A pin kit with a plurality of pins for an apparatus for forming a plurality of V-shaped grooves at a desired interval on a light guide panel, the pin kit comprising:

a buffer plate having an elastic member fixed in a groove located in the lower side of the buffer plate;

a guide plate having insertion holes for receiving a plurality of pins, the insertion holes being positioned to permit contact between one of the pins and the elastic member;

Appl. No. 09/766,774
Amdt. dated February 24, 2004
Reply to Office Action of September 12, 2003

wherein the plurality of pins are inserted into the insertion holes on the guide plate for forming V-shaped grooves in the light guide panel; and

a fixation member affixed to a lift piece and a clamp having a jaw affixed to the fixation member by an engagement, wherein the buffer plate and the guide plate are disposed between the fixation member and the clamp.

Claim 3 (canceled).

Claim 4 (currently amended): A pin kit as claimed in claim ~~[[3]]~~ 1, further comprising a lock plate for maintaining adjustment of the height control bolts on an upper side of the clamp, the lock plate being fixed by an engagement.

Claim 5 (withdrawn) A pin kit as claimed in claim 1, further comprising a magnet inserted within the buffer plate, a magnet abutting the fixation member in contact with an upper side of the buffer plate, and a magnet abutting a lower side of the clamp.

Claim 6 (canceled).

Claim 7 (withdrawn): A pin kit as claimed in claim 1, wherein the buffer plate is comparatively thin proximate insertion holes spaced apart by a comparatively large interval, and wherein the buffer plate is comparatively thick proximate insertion holes spaced apart by a comparatively narrow interval, so as to form a substantially uniform slant of the buffer plate.

Claim 8 (withdrawn) A pin kit as claimed in claim 7, further comprising:

two joggles positioned between the buffer plate and the guide plate, wherein the joggles are affixed to one of the buffer plate and the guide plate; and

two position holes formed in one of the guide plate and the buffer plate, each position hole corresponding to a joggle.

Appl. No. 09/766,774
Amdt. dated February 24, 2004
Reply to Office Action of September 12, 2003

Claim 9 (original): A pin as claimed in claim 1, wherein the elastic member comprises at least two separate materials.

Claims 10 (canceled)

Claim 11 (withdrawn): A pin kit as claimed in claim 1, further comprising:

two joggles positioned between the buffer plate and the guide plate, wherein the joggles are affixed to one of the buffer plate and the guide plate; and

two position holes formed in one of the guide plate and the buffer plate, each position hole corresponding to a joggle.